**PROJECT SUMMARY SHEET FOR SELF CERTIFIED PLAN REVIEW OF A PROPOSED STORAGE TANK**

Water System Name

Project Title (Same as listed on water supply data sheet):

_The following is a summary of the proposed storage tank:

| | | | |
|---|---|---|---|
| Tank Name | | | |
| Location | | | |
| Tank Capacity (gallons) | | | |
| Tank Type | | | |
| Tank Diameter | | | |
| Tank Construction Material | | | |
| Grade Elevation (feet MSL) | | | |
| Top of Foundation Elevation (feet MSL) | | | |
| Overflow Elevation (feet MSL) | | | |
| Overflow Pipe Diameter (inches) | | | |
| Overflow Rate (gpm) | | | |
| Fill Rate (inches) | | | |
| Inlet/Outlet Pipe Diameter (feet MSL) | | | |
| High Water Level Elevation (feet MSL) | | | |
| Low Water Level Elevation (feet) | | | |
| Head Range* | | | |
| Altitude Valve Type | | | |
| Altitude Valve Settings | | | |
| Altitude Valve Size | | | |
| Former Owner if a used tank | | | |

*If the head range exceeds 30 feet please provide an explanation.

1. Will the tank conform to the latest AWWA and NSF standards as follows:

| | | | |
|---|---|---|---|
| a. General Design | AWWA D-100, D-103, D110, D120, Other _____ | Yes | No |
| b. Paint | AWWA D-102 | Yes | No |
| | NSF 61 approved | Yes | No |
| c. Disinfection | AWWA C-652 | Yes | No |

2. Will a means be provided to isolate and bypass the tank? Yes No

3. Will a means be provided to drain the tank with no direct connection to a sanitary or storm sewer? Yes No

4. Will a means be provided to isolate and bypass the altitude valve? Yes No

5. Will a downturned, screened air vent which prevents the entrance of birds be provided? Yes No

6. Upon construction of these plans, will the community water system have a total storage capacity equal to or exceeding the average daily demand? Yes No

7. Will the diameter of the overflow pipe be large enough to discharge water faster than the tank can be filled? Yes No

   Overflow system capacity _____ gpm

8. Will the overflow be visible to neighbors? Yes No

9. Will an audible and visual alarm be provided for the following:

| | | | | | |
|---|---|---|---|---|---|
| a. Low Water Level: | local Yes | No | remote | Yes | No |
| b. High Water Level: | local Yes | No | remote | Yes | No |
| c. Overflow Level: | local Yes | No | remote | Yes | No |

10. Will the overflow pipe be downturned and screened to prevent the entrance of birds and animals? Yes No

11. Will the overflow pipe terminate 12 to 24 inches above the ground surface and discharge to a splash pad or drain inlet? Please note that flap valves at the end of overflow pipes are not permitted. Yes No

12. Will an access hatch (at least 24 inches by 15 inches) which is framed at least four inches and which has a minimum two inch overlapping cover with a hinged side and a locking device be provided? Yes No

13. Will a safety ladder conforming to OSHA standards be provided? Yes No

14. Will the tank be protected from trespassers by a lockable enclosure? Yes No

15. Will a safe bacteriological sample be taken prior to placing the tank in operation? By whom: _____ Yes No

16. Will the tank be provided with cathodic protection? Yes No
Is it designed to resist ice damage? Yes No

17. If the tank is going to be telemetered provide a description of how the telemeter will operate.

18. If the tank is going to "float" on the system, explain how it will function in the distribution system.

19. Does the operating plan provide for regularly exercising the tank over a minimum of 25 percent of its capacity? Yes No

20. Is the gross tank volume less than four days average storage? Yes No

21. Will the tank foundation and access roads be at least 3 feet above the 100 year flood elevation or above the highest ground water elevation? Yes No

22. Is a water tight roof provided? Yes No

Please provide justification if any answers are "no". _____
_____
_____
_____

Name _____ Date

JH/jls
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